

ABSTRACT

Methods of fabricating at least a honeycomb body include drying a plurality of honeycomb bodies, each having a multiplicity of cells arranged in the shape of a honeycomb and having a wall thickness of 0.125 mm or less, without cracking or wrinkling in the outer peripheral skin portion of the mold. Extrusion-molded argillaceous honeycomb bodies may be dried by placement on porous ceramics trays, having a dielectric loss of 0.1 or less, a porosity of 10% or more and a sectional open area ratio of 50% or more, exposure to at least 70% humidity and simultaneous irradiation with microwaves of 1,000 to 10,000 MHz. Alternatively, extrusion-molded argillaceous honeycomb bodies may be dried by exposure to at least 70% humidity and simultaneous irradiation with microwaves of 1,000 to 10,000 MHz, after which hot air is passed through the cells of the honeycomb bodies.